

CARDIAC ANAESTHESIA
THEORY PAPER

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:

1. A 6-month child with recurrent hyper cyanotic spell presents for emergent MBT Shunt placement. Discuss the pathophysiology of TOF and the anesthetic management of this child. 10
2. Describe Basic TEE views. 10
3. Discuss about the types of HIT. What are the various options for managing a patient with HIT posted for coronary revascularization on CPB? 10
4. Describe classification of aortic dissection. How will you manage type II dissection? 10
5. An INTERMACS Level 7 patient on a Heart Transplant waiting list has a suitable donor. Describe INTERMACS classification and discuss the anesthetic concerns and management of this recipient. 10
6. Describe the principles of anaesthetic management of patient undergoing valve surgery. 10
7. Describe the method for noninvasive cardiac output monitoring. 10
8. Illustrate coagulation cascade and describe viscoelastic methods for assessing coagulation. 10
9. Describe the role of Epicardial echocardiography in cardiac anesthesia and its advantages and the relevance in COVID 19. 10
10. Describe the various Central Neuraxial and Non Neuraxial blocks which can be practiced for surgeries on the thorax. 10
